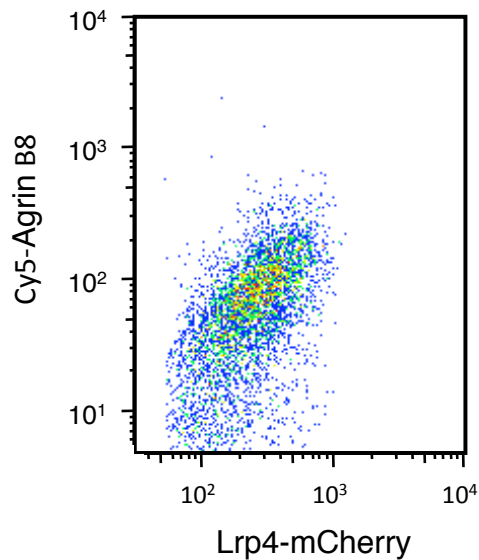


Figure S2



Cy5-Agrin binds to BaF3 cells in proportion to their level of Lrp4 expression. We measured the level of Cy5-Agrin B8 binding to individual Lrp4-expressing cells by flow cytometry. The amount of Cy5-Agrin bound corresponds well with the level of Lrp4 expression. Linear regression was performed by sorting the paired Cy5 and mCherry relative fluorescence values into 6 equal bins of 2000 points each. Regression and statistical testing were performed on data from 3 experiments and 3 Agrin concentrations using Prism software. The correlation coefficient between mCherry and Cy5 is 0.9734 ($p < 0.005$); in contrast, for MuSK-GFP cells, the regression coefficient between Cy5-Agrin binding and MuSK-GFP expression is 0.002.